

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete If Known		
	Application Number				
	Filing Date	3 February 2004 (herewith)			
	First Named Inventor	Hsiang Lan Lung			
	Group Art Unit				
	Examiner Name				
Sheet	1	of	2	Attorney Docket Number	MXIC 1564-1

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>EPL</i>	A1	4,959,812		Momodomi et al.	09-25-1990	
<i>EPL</i>	A2	5,270,969		Iwahashi	12-14-1993	
<i>EPL</i>	A3	5,424,569		Prall	06-13-1995	
<i>EPL</i>	A4	5,448,517		Tanaka	05-07-1996	
<i>EPL</i>	A5	5,644,533		Lancaster et al.	07-01-1997	
<i>EPL</i>	A6	5,768,192		Eitan	06-16-1998	
<i>EPL</i>	A7	6,011,725		Eitan	01-04-2000	
<i>EPL</i>	A8	6,172,907		Jenne	01-09-2001	
<i>EPL</i>	A9	6,215,148		Eitan	04-10-2001	
<i>EPL</i>	A10	6,436,768		Yang et al.	08-20-2002	
<i>EPL</i>	A11	6,458,642		Yeh et al.	10-01-2002	
<i>EPL</i>	A12	Re. 35,838		Momodomi et al.	07-07-1998	
<i>EPL</i>	A13	2002/0179958		Kim	12-05-2002	
	A14					
	A15					
	A16					
	A17					
	A18					
	A19					
	A20					

FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
	B1							
	B2							
	B3							
	B4							
	B5							
	B6							
	B7							
	B8							
	B9							
	B10							

Examiner Signature <i>E. J. Henderson</i>	Date Considered <i>8/18/05</i>
---	--------------------------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	
			Filing Date	3 February 2004 (herewith)
			First Named Inventor	Hsiang Lan Lung
			Group Art Unit	
			Examiner Name	
Sheet	2	of		Attorney Docket Number MXIC 1564-1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EJW	C1	DE BLAUWE, JAN, "Nanocrystal Nonvolatile Memory Devices," IEEE Transactions on Nanotechnology, Vol. 1, No. 1 (March 2002) 72-77	
EJW	C2	LEE, JAE-DUK, "Effects of Floating-Gate Interference on NAND Flash Memory Cell Operation," IEEE Electron Device Letters, Vol. 23, No. 5 (May 2002), 264-266	
EJW	C3	LEE, CHANGHYUN, et al., "A Novel Structure of SiO ₂ /SiN/High k Dielectrics, Al ₂ O ₃ for SONOS Type Flash Memory," Extended Abstracts of the 2002 International Conference on Solid State Device and Materials, Nagoya (2002), 162-163.	
EJW	C4	SHIN, YOOCHEOL, et al., "High Reliable SONOS-Type NAND Flash Memory Cell with Al ₂ O ₃ for Top Oxide," Non-Volatile Semiconductor Memory Workshop (2003) 2 pages	
EJW	C5	LEE, CHANG HYUN, et al., "A Novel SONOS Structure of SiO ₂ /SiN/Al ₂ O ₃ with TaN Metal Gate for Multi-Giga Bit Flash Memories," IEEE (2003) 4 pages.	
EJW	C6	CHUNG, STEVE S., et al., "A Novel Leakage Current Separation Technique in a Direct Tunneling Regime Gate Oxide SONOS Memory Cell," IEEE (2003), 4 pages.	
EJW	C7	HIROSE, M., "Challenges for Future Semiconductor Development," Advance Semiconductor Research Center, National Institute for Advanced Industrial Science and Technology, International Microprocess and Nanotechnology Conference, (6 Nov. 2002), available at http://www.miraipj.jp/en/opendata/pdf/021106MNC.pdf . NO COPY OF DOCUMENT PROVIDED, WEBSITE HAS DOCUMENT LOCKED, CAN ONLY VIEW ON INTERNET	

Examiner Signature		Date Considered	8/18/05
---------------------------	--	------------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

